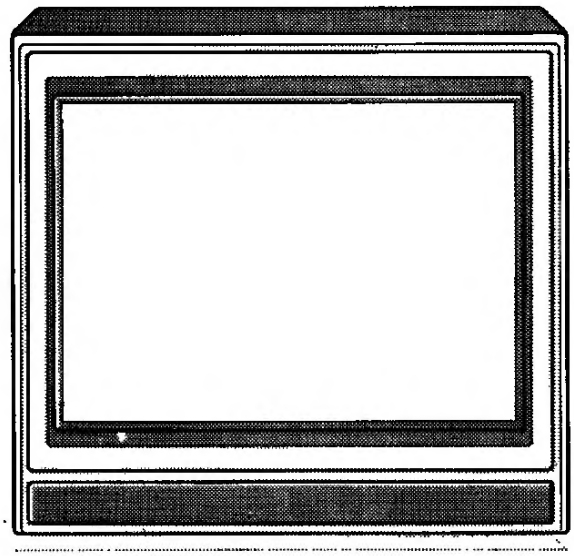
CONSUMER ELECTRONICS

PHILIPS



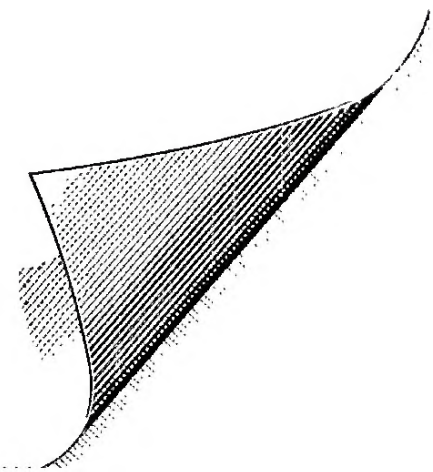
17CE1230
17CE1530

21CE1250
21CE1550

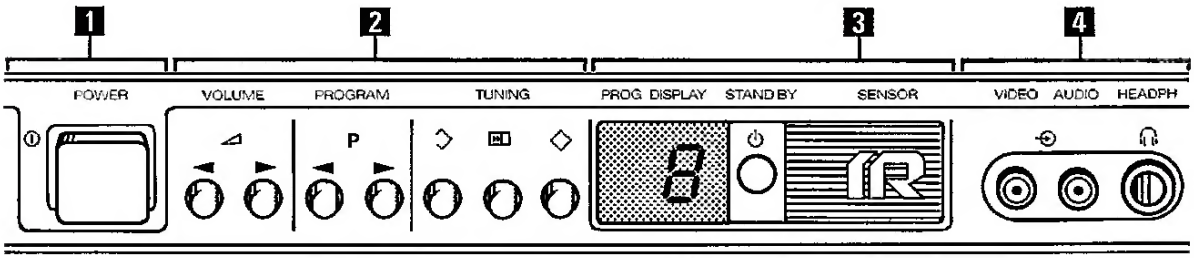
COLOUR TELEVISION
FARBFERNSEHER
TÉLÉVISEUR COULEUR
KLEURENTELEVISIE
TELEVISORE A COLORI
FARVEFJERNSYN
FARGE-TV
FÄRG-TV
VÄRITELEVISIO

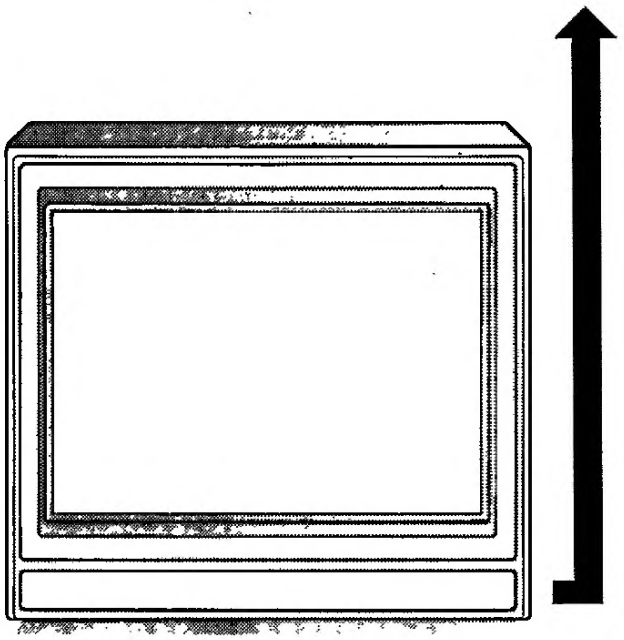
Downloaded from www.Manualslib.com manuals search engine

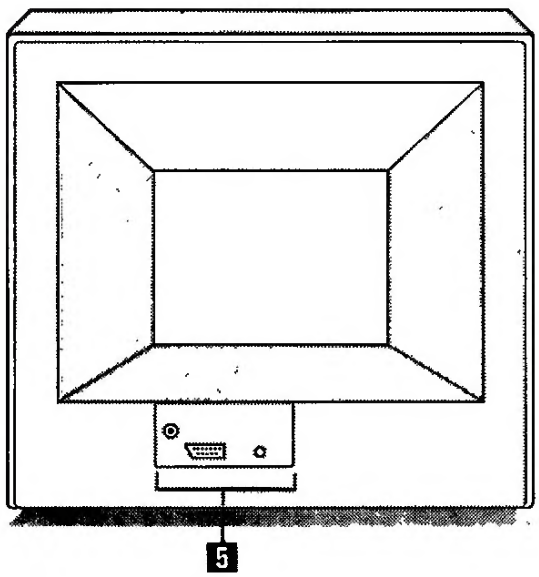
Information for users in the UK (Not applicable outside the UK)		page 1
Operating instructions	English	page 2-8
Bedienungsanleitung	Deutsch	Seite 9-15
Mode d'emploi	Français	page 16-22
Gebruiksaanwijzing	Nederlands	pagina 23-29
Istruzioni per l'uso	Italiano	pag. 30-36
Betjeningsvejledning	Dansk	side 37-43
Bruksanvisning	Norsk	side 44-50
Bruksanvisning	Svenska	sidan 51-57
Käyttöohje	Suomi	sivu 58-64

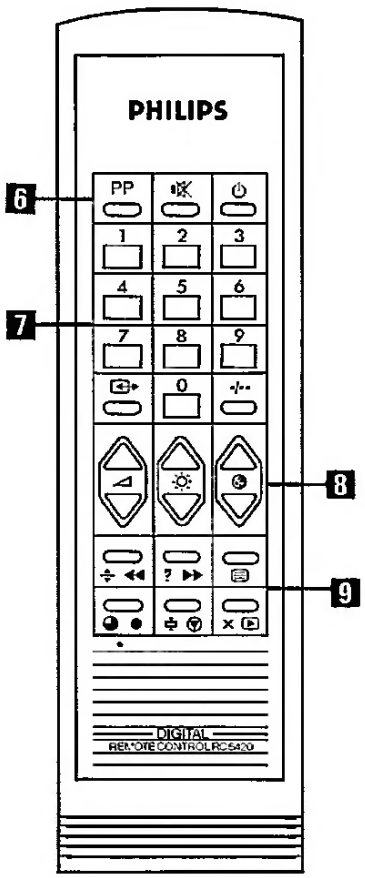


Downloaded from www.Manualslib.com manuals search engine









Downloaded from www.Manualslib.com manuals search engine

Downloaded from www.Manualslib.com manuals search engine

Information for users in the UK

(Not applicable outside the UK)

Service for you

Your colour felevision hes been designed and manufactured to the highest sfandards, and subject to rigorous testing. Provided it is properly operated and maintained it will perform well for many years. However, we all know that in such complex equipmenf components can sometimes fail.
The legal responsibility for meeting any in-guarantee service needs for your receiver rests with the dealer from whom you bought it. Our own Service Division - Philips Service - provides your dealer with comprehensive technical advice, and distributes approved spare parts from Service Centres throughout the country. If your dealer has no service facilities, he can arrange for any work fo be carried out by a competent third party organisation.
In any event you may expect speedy attention to restore your set to full working order wifhout delay.

Free service for 12 months:
The dealer from whom the receiver was purchased will arrange for any defecf in manufacture or material to be rectified without charge for a period of 12 months from the date of initial consumer sale provided:
- reasonable evidence is supplied that the set was purchased wifhin 12 months prior to the date of claim
- the defect is not due fo use of the set on an incorrect voltage or contrary to the Compeny's Operating Instructions or to accidenfal damage (whether in transit or otherwise); misuse; neglect; unauthorised or inexpert modification or repair.

The picture tube guarantee is adminisfered by Mullard Limited, renowned manufacturer of colour picture tubes.
In addition to fhe customary 1 year free tube guarantee, Mullard will extend the guarantee period by a further 3 years for a nominal fee.
To regisfer your tube guarantee please send:
a) your name and address;
b) your set's identity card (which will be refurned to you);
c) a cheque/p.o. made out to 'Mullard Ltd' for £ 12.27 if you wish fo extend your 1 year by a further 3 years;
fo the following address:

Mullard Limited
Service Department
Free Post
Beddington Lane
Croydon CR9 9AU

Service after 12 months:
Continuing service after 12 months is available in the same way but the service will be chargeable.

These statements do not affect your statutory rights as a consumer.

If you have any question which your dealer cannot answer, please write to:

C.E. Consumer Relations Department
P.O. Box 298
420 London Road
Croydon CR9 3QR

All enquiries and claims can be handled more efficiently if accompanied by the Identity Card printed on the back cover of this booklet - this is provided for your reference and should be kept in a sefe place.

Positioning the TV

For the best results, choose a position where light does nof fall directly on the screen, and at some distance away from radiafors or other sources of heat. Leave a space of no less than 3 cm all round the set for ventilation, meking sure fhat curtains, cupboards etc. cannot obstruct the air flow through the ventilation apertures.
The set is intended for use in a domestic environment only and should never be operated or stored in excessively hot or humid atmospheres.

Mains connection

Before connecting the TV set to the mains, check that the mains supply voltage corresponds to the voltage printed on fhe type plate on the rear panel of the TV. If the mains voltage is different, consult your dealer.

Important
The wires in the mains leed ere coloured according to the following code.

BLUE = NEUTRAL
BROWN = LIVE

If the mains plug (or adaptor) contains a fuse, the value of this fuse should be 3 emp. Alternatively, if another type of plug (not fused), is used, the fuse at the distribution board should not be greater than 5 Amp.
If the colours of the wires in the mains lead do not correspond with the coloured merkings identifying the terminals in your plug, proceed as follows:
The BLUE wire should be connecfed to the terminal marked 'N' or coloured black.
The BROWN wire should be connected fo fhe terminal merked 'L' or coloured red. Before replacing the plug cover, meke certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Connecting the aerial

The aerial should be connected to the socket marked "ר at the back of the set. An inferior aerial is likely to result in a poor, perhaps unstable picture with ghost images and lack of confrast. Make-shift loft or set-top eeriels ere often inadequate. Your dealer will know from experience the mosf suitable type for your locality.
Should you wish to use the set in conjunction with other equipment, which connects to the aerial socket such as TV games, or e video cemera it is recommended that these be connected via a combiner unit to avoid repeated connection end disconnection of fhe aerial plug.

General Points

Please take note of the section 'General' et the end of the English section in this booklet.
Interference

The Department of Trade and Industry operates a Radio Investigation Service to help TV licence holders improve reception of BBC and IBA programmes where these are being spoilt by interference. If your dealer cannot help, ask at e mein Post Office for the booklet 'How to Improve Television and Radio Reception'.

Downloaded from www.Manualslib.com manuals search engine

Introduction

This television is easy to use if you perform the operations described in the order shown.

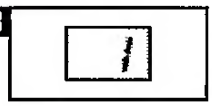
On the inside of the cover you will find a fold-out flap with drawings of the TV and the remote control which are accompanied by figures (e.g. 1). These figures correspond to the figures in the text. This enables you to easily find the buttons and/or controls on the TV and the remote control.

Your TV set will normally have been installed by your dealer. If this is the case, go on to the section 'Operating the TV'.

Important!

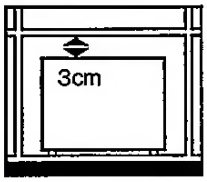
The following term is used in relation to the TV:

3



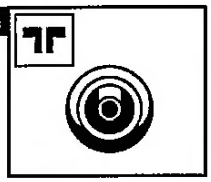
Programme numbers
These are the numbers you assign to the stations you have set. For example, you store the station which you view most frequently on programme number *1*, etc.

Installation

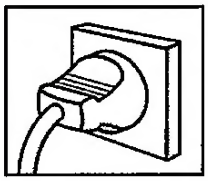


When positioning (building-in) the TV leave a space of no **less than 3 cm** around the set for ventilation.

5



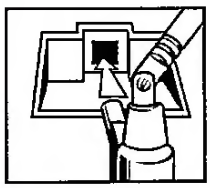
- Connect the aerial to socket ⊓ (rear panel of the TV).



- Connect the TV set to the mains. The mains voltage must correspond to the voltage on the type plate on the rear panel of the TV. If the mains voltage is different, consult your dealer.

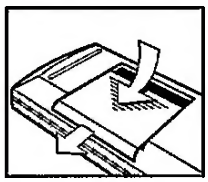
Telescopic aerial

Important! This applies only to TV sets equipped with a telescopic aerial.

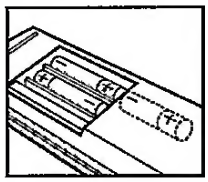


- Fix the aerial to the rear panel.
- Connect the aerial plug to input ⊓.
- Extend the aerial and direct it as required.

Remote control



- Open the cover on the back of the remote control by sliding it in the direction of the arrow.

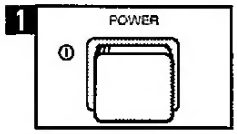


- Insert the three batteries into the battery holder as indicated.

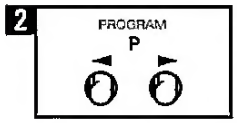
Downloaded from www.Manualslib.com manuals search engine

Adjustment

Switching On/Off



- Switching on: Press button ⏻. A programme number will appear in the window.



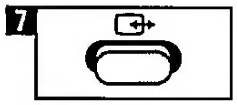
If indication LED ⏻ lights up you can switch the TV on by pressing button P▶ or button ◀P.

- Switching off: Press button ⏻ again.

TV/External mode

When selecting TV stations the TV should be in the TV mode.

Indicator EXTERNAL (E1 or E2) should not light up.

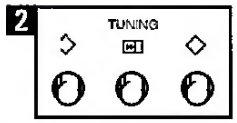


- If necessary press button ⇥.

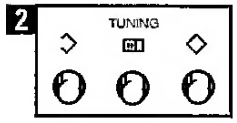
The External mode is used for equipment connected to the Euroconnector or to the Audio/Video inputs.

Searching for and storing TV stations in the memory

To store the TV stations perform operations A, B, C and D in succession.

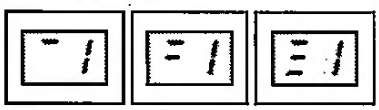


A Opening the memory
- Press button ◇. A programme number starts flashing in the window.



B Tuning to stations
- Press button ⏭ and **release immediately.**

1, 2 or 3 bars* will appear in the window to indicate on which band the stations are being seerched for.

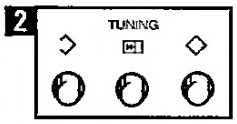


* 1 bar = VHF I
2 bars = VHF III
3 bars = UHF

At the same time the digits 1 to 8 (marking the beginning to the end of the band) indicate the position where one is searching on the band.

When a TV station appears on the screen the same digit as in A starts flashing again. Poor picture? Not the right station? Continue searching by pressing button ⏭ again momentarily.

C Selecting the programme number of a TV station
- You cen select the required programme number by pressing button ◀P to run back or P▶ to run on.



D Storing TV stetions in the memory
- Press button ◇. The digits stop flashing in the window. The TV station you have found is now stored on the programme number selected in the memory of the set.

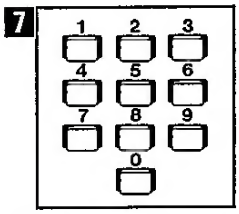
Searching for and storing other TV stations

To search for end store the other stations repeat operations A, B, C and D.
This method can be used to store in the memory all the stations you cen receive on programme numbers you select yourself up to a maximum of 40 programme numbers.
If you connect a Video Recorder to the eerial socket ⊓ you cen store the Video Recorder signal for reproduction under any available programme number.

Downloaded from www.Manualslib.com manuals search engine

Operating the TV

Selecting the required programme number



Programme numbers with one or two digits can be selected using the digit buttons 0 to 9.

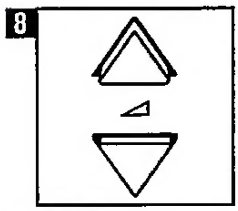
- Select the required programme number using the digit buttons.

- Press button -/-- for programme numbers containing 2 digits. Then select the required programme number using the digit buttons.

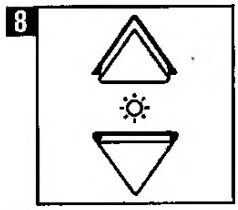
Note: You can return to single digit programme numbers by pressing button -/-- again.

Adjusting picture and sound

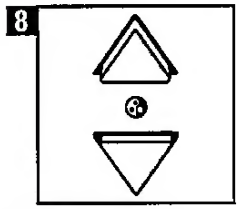
Picture and sound settings can be changed by pressing the following buttons:



Volume ◿



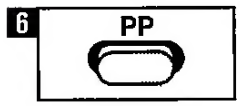
Brightness ☼



Colour saturation ❁

Green button

(preference setting of picture and sound)

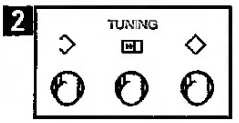


- Alterations of picture and sound settings can be cancelled by pressing the green button.

Personal preference setting of picture and sound

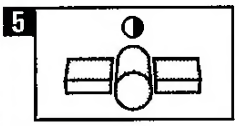
Picture and sound have already been set in the factory in accordance with average standards.
It is, however, possible to set both picture and sound according to your personal preference and to store these settings in the memory.

- Adjust picture and sound according to preference.



- Press button ◇.

Contrast



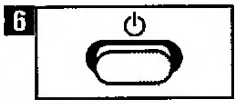
- You can set the contrast (black/white distribution) as desired using knob ◑ (rear panel of the TV).

Muting the sound

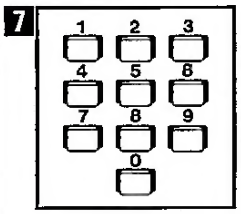
- Press button 🔇.
- For sound, press button 🔇 again.

Standby

(interruption of picture and sound)



- Press button ⏻. Indication LED ⏻ lights up.

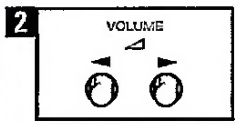


- You can switch the TV on again by pressing a digit button on the remote control.

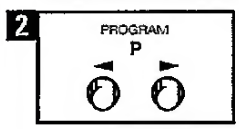
Note: You can switch off the TV completely by pressing button ⏻ (on the TV).

Operating the TV without remote control

The following controls are on the TV:



plus ◿▶ and minus ◀◿ buttons for adjusting the volume and



plus P▶ and minus ◀P buttons for selecting the programme number; thus making it possible for the most important functions to also be operated without remote control.

Downloaded from www.Manualslib.com manuals search engine

Teletext

Important! This applies only to TV sets equipped for Teletext.

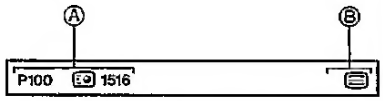
General description of Teletext

If Teletext is being broadcast it gives you a wide variety of information on all kinds of subjects on the Teletext pages.

The following buttons are provided on the remote control handset:

- Teletext on or return to TV programme
- ✕ Interruption of Teletext
- ⫩ Double height
- ⫪ Stop changing pages
- ◕ Time code/subcode
- ? Concealed information
- 0..9 Page selection buttons

General information



After Teletext is switched on an information line appears at the top of the screen.
The following may be indicated in this information line:
Ⓐ = the number of the page coming onto or already on the screen (possibly combined with time code/subcode or with the symbol for stop changing peges). The colour is normally green, but once the page has been found the colour becomes white.
Ⓑ = the Teletext symbol and, depending on use, the symbol for double height or concealed information.

Operating Teletext

Switching On/Off

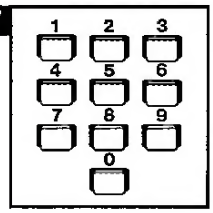
- Select the required TV station.

- To switch on: Press button ▤. Page 100 (generally the index) now appears on the screen.
- To switch off: Press button ▤ again.

In the following description of the Teletext functions it is assumed that Teletext has been switched on.

Direct page selection

The page number consists of three digits (e.g. 120).



- Select the required page with the digit buttons 0-9 on the remote control. (The page number selected is now visible in green on the information line. When the selected page number has been found this page number is displayed in white.)
The selected page appears on the screen.

Note 1: There are no page numbers which start with 0 or 9. If 0 or 9 is selected as the first digit this error is indicated by **P-..** in the information line.

Note 2: If you have pressed a wrong digit button, first complete a combination of three figures and select the correct page number again.

Note 3: If the chosen page number is displayed in green, the page selected is not being broadcast at thet moment.

Double height

- Press button ⫩ for double height in the top half of the page.
- Press button ⫩ again for double height in the bottom half of the page.
- Press button ⫩ again for normal height.

When double height is used the symbol ⫩ appears on the information line.

Interruption of Teletext

- Press button ✕.
- To return to Teletext, press button ✕ again.

Stop changing pages

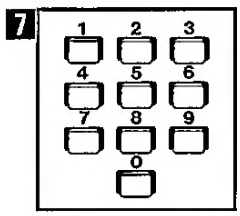
If a page contains more text than is available on the Teletext page, changing pages will often be used under the same page number.

- Press button ⫪. The symbol ⫪ appears on the information line.
- To cancel the stop, press button ⫪ again.

Downloaded from www.Manualslib.com manuals search engine

Time code/subcode

A time code or subcode may be added to page numbers at the discretion of the Teletext editors.
This makes it possible to:
a. call up a page at a desired time (time code), or
b. to select one of the changing pages directly (subcode).



e. Time code
- Select the required pege number (e.g. P123).

- Press button ◕.
- Select the desired time (e.g. 13.19 hours).

The information line will now display e.g. P 123 ◕ 1319.

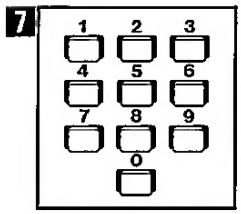
Note: If the chosen page is not available you can go back to the TV programme temporarily.

- Press button ✕.

The TV programme returns to the screen again.

Note: Whenever the page is transmitted or found the selected page number appears in the status line.

- Press button ✕ again. The page now appears on the screen.



b. Subcode
- Select the desired page number (e.g. 123).

- Press button ◕.
- Select the desired subcode (e.g. 3).

The information line now displays P123 ◕ 3.

Note: If the chosen page is not available you can go back to the TV programme temporarily.

- Press button ✕. The TV programme returns to the screen again.

Note: Whenever the page is transmitted or found the selected page number appears in the status line.

- Press button ✕ again. The page now appears on the screen.

Concealed information

Depending on the contents of the page, concealed information can be called up.

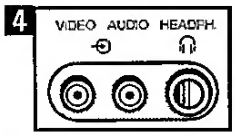
- Press button ?. The concealed information eppears on the screen.
- Press button ?. The information disappears.

Downloaded from www.Manualslib.com manuals search engine

Connection facilities

Headphones

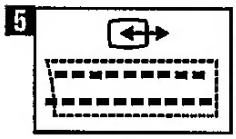
(front penel of TV)



A headphone (8-1000 Ohm) with a 6.3 mm jackplug can be connected to socket ⍾.
The built-in loudspeaker is switched off automatically when headphones are used.

Euroconnector

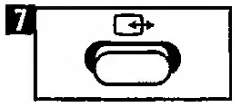
(on reer panel of TV)



The Euroconnector is a multi-functional socket for connecting sources supplying Audio and/or CVBS or RGB signals. See the operating instructions of the source to be connected.
Before the source is connected to the Euroconnector it is advisable to switch the TV off momentarily using button ⏻.
When using connected equipment you must switch to the External position.

Switching may be:

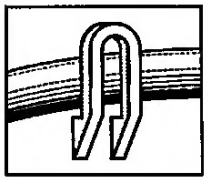
- **Automatic**
If the source to be connected supplies the switchover signals for this.
Indicator E lights up in window.



- **Non-automatic**
If the source to be connected does not supply an automatic switchover signal, you can switch over using button ⮆ (External) on the remote control.
Indicetor E- lights up in the window.

Depending on the equipment connected, CVBS or RGB signals are supplied.
Select digit 1 (for CVBS) or digit 2 (for RGB) using the digit buttons. The indicator E1 or E2 lights up in the window.

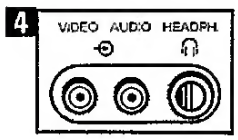
- To return to the TV-programme, press button ⮆ egein.



Note:
The Euroconnector cable should be attached to the hook on the rear panel of the TV (not on all versions).

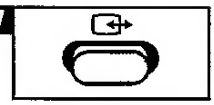
VIDEO/AUDIO IN

(front panel of TV)



A Home Computer with Video (CVBS) output, or facility for playing back a Video Recorder or a LaserVision Player, etc. can also be connected to the VIDEO/AUDIO input sockets.
For this purpose the equipment to be connected has to supply CVBS signals (see the operating instructions for the equipment to be connected).

When using connected equipment you must switch to the External position.



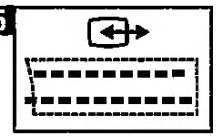
- Press button ⮆. Indicator E- appears in the window.Then select digit 1 using the digit buttons; indicetor E1 lights up in the window.

- To return to the TV-programme, press button ⮆ again.

Important

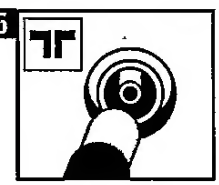
Note: In order to obtein en optimal signal it is advisable not to use the VIDEO/AUDIO IN sockets and the Euroconnector simultaneously.

Euroconnector specifications



Pin		
1	audio output (connected to pin 3)	0.5 Vrms/ ⩽ 1 kohm
2	audio input (connected to pin 6)	0.5 Vrms/ > 10 kohms
3	audio output (connected to pin 1)	0.5 Vrms/ ⩽ 1 kohm
4	earth connection for audio	
5	earth connection B input	
6	audio input (connection to pin 2)	0.5 Vrms/ > 10 kohms
7	B input	0.7 Vpp/75 ohms
8	status input	0-2/10-12 V/ > 10 kohms
9	earth connection G input	
10	not connected	
11	G input	0.7 Vpp/75 ohms
12	not connected	
13	earth connection R input	
14	not connected	
15	R input	0.7 Vpp/75 ohms
16	fast blanking input	0-0.4/1-3 V/75 ohms
17	earth connection CVBS	
18	eerth connection fest blanking	
19	CVBS output	1 Vpp/75 ohms
20	CVBS input	1 Vpp/75 ohms
21	screening plug	

Aerial socket connection facilities



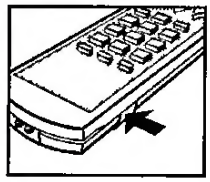
A Video Recorder, TV camera or TV game etc. can be connected to this. To connect a Video Recorder proceed as follows:
I Connect the TV aerial cable to input ⊓ on the Video Recorder.
II Connect the cable supplied with the Video Recorder to the output marked TV on the Video Recorder and the aerial input ⊓ on the TV.
Note: If the TV and the Video Recorder are fitted with a Euroconnector it is desirable to make this connection as well in order to obtain optimum picture and sound reproduction.
III Indicetor E1 or E2 in the window must not light up. Press button ⮆ if necessary. Next, tune in to the signel from the Video Recorder to obtain reproduction of sound and picture.
- Follow the same tuning procedure as described in 'Searching for and storing TV stations in the memory'.

Downloaded from www.Manualslib.com manuals search engine

Note: Read the opereting instructions for the Video Recorder to find out how to recognise the video signal.
- Store the video signal in the memory on an available programme number as described in 'Searching for and storing TV stations in the memory'.

Remote control of the Video Recorder

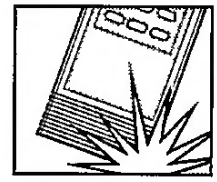
(intended for most Video Recorders from our range)



As long as the button (on the side of the remote control) is held down, commands can be given to the Video Recorder.
See your Video Recorder operating instructions for the use and functions of the symbols.
The functions of these buttons correspond to those of the buttons on the Video Recorder.

General

- If the TV picture or sound does not give the desired result, check to ensuro that the power is on, the aerial is connected and all the controls are set correctly.
- If there is no sound, check whether the loudspeaker has been switchod off with button 🔇 on the remote control.
- If a bright white line appears on the screen or 'F' eppears in the window together with a digit, switch off tho TV and consult your dealer.
- The rear cover of the set should only be removed by a service technician.
- The set may be cleaned, if necesary, with a damp chamois leather. Do not use cleaning agents containing alcohol, spirits or ammonia.



- In order to get the longest possible service from your remote control we advise you to handle it carefully and avoid dropping or banging it.
- If the TV does not react to commands given with the remote control the batteries are probably flat. Replace them. It is advisable to use Philips Alkaline batteries, type LR03.

Downloaded from www.Manualslib.com manuals search engine

Downloaded from www.Manualslib.com manuals search engine

(GB)	**IDENTITY CARD**	This card refers to the guarantee which applies to this equipment. For further information consult your dealer.
(D)	**GERÄTE-KENNKARTE**	Diese Karte wird für die Garantie dieses Gerätes benötigt. Wenden Sie sich hierfür an Ihren Händler.
(F)	**CARTE D'IDENTIFICATION**	Cette carte est nécessaire pour faire éventuellement valoir vos droits à la garantie sur cet appareil. Consultez notre revendeur à ce sujet.
(NL)	**IDENTIFICATIEKAART**	Deze kaart refereert aan de garantie geldig voor dit apparaat. Raadpleeg hiervoor uw handelaar.
(I)	**CARTA D'IDENTIFICAZIONE**	Questa carta si riferisce alla garanzia di apparecchio. Consultate il nostro rivenditore in merito.
(E)	**TARJETA DE IDENTIFICACION**	Dicha tarjeta hace referencia a la garantía que rige para este aparato. A este fin consulte a su distribuidor.
(DK)	**I.D. KORT**	Dette kort refererer til den garanti som omhandler dette udstyr. Opsøg en forhandler for yderligere information.
(N)	**IDENTIFIKASJONSKORT**	Dette kort refererer til garantiavtalen for dette apparat. Forhandleren kan gi Dem ytterligere informasjon.
(S)	**IDENTIFIERINGSKORT**	Detta kort hänvisar till den garanti som gäller för denna apparat. Kontakta Din handlare för ytterligare information.
(SF)	**TUNNISTUSKORTTI**	Tämä kortti liittyy laitteen takuuseen. Tarkemmat tiedot saat jälleenmyyjältä.
(P)	**CARTÃO DE IDENTIFICAÇÃO**	Este cartão refere-se à garantia válida para este equipamento. Consulte o seu fornecedor para mais informações.

PHILIPS

Printed in Italy by G.S.F. - 641

3122 125 90061

Downloaded from www.Manualslib.com manuals search engine